

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

☐ Original ☐ Supplemental ☐ Substitute ☒ PCT ☐ Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **SYMBOL POSITION DETECTION DEVICE AND SYMBOL POSITION DETECTION METHOD**

of which is described and claimed in:

☐ the attached specification, or

☐ the specification in the application Serial No. _____ filed _____;
and with amendments through _____ (if applicable), or

☒ the specification in International Application No. PCT/JP2003/016917, filed December 26, 2003, and as amended on April 23, 2004 and August 30, 2004 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:


COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2002-381104	December 27, 2002	Yes

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from OGASAWARA PATENT OFFICE, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:  000513 PATENT TRADEMARK OFFICE	Direct Telephone Calls to: WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250
--	---

Full Name of First Inventor	FAMILY NAME MIZUGUCHI	FIRST GIVEN NAME Yuji	SECOND GIVEN NAME
Residence & Citizenship	CITY Hirakata	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 1-28-7-301, Nagaonishimachi, Hirakata-shi, Osaka	CITY Japan	STATE OR COUNTRY Japan ZIP CODE 573-0162

Full Name of Second Inventor	FAMILY NAME YASUI	FIRST GIVEN NAME Nobuhiko	SECOND GIVEN NAME
Residence & Citizenship	CITY Moriguchi	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 1-40-3-303, Satahigashimachi, Moriguchi-shi, Osaka	CITY Japan	STATE OR COUNTRY Japan ZIP CODE 570-0017

Full Name of Third Inventor	FAMILY NAME KATTA	FIRST GIVEN NAME Noboru	SECOND GIVEN NAME
Residence & Citizenship	CITY Kawasaki	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 3-4-14-105, Tsuchihashi, Miyamae-ku, Kawasaki-shi, Kanagawa	CITY Japan	STATE OR COUNTRY Japan ZIP CODE 216-0005

Full Name of Fourth Inventor	FAMILY NAME SAKAI	FIRST GIVEN NAME Takahisa	SECOND GIVEN NAME
Residence & Citizenship	CITY Yokohama	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 1-7-5-902, Nakagawachuo, Tsuzuki-ku, Yokohama-shi, Kanagawa	CITY Japan	STATE OR COUNTRY Japan ZIP CODE 224-0003

Full Name of Fifth Inventor	FAMILY NAME TAKAHIRA	FIRST GIVEN NAME Yutaka	SECOND GIVEN NAME
Residence & Citizenship	CITY Neyagawa	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 13-18-102, Korimotomachi, Neyagawa-shi, Osaka	CITY Japan	STATE OR COUNTRY ZIP CODE 572-0083

Full Name of Sixth Inventor	FAMILY NAME KAWADA	FIRST GIVEN NAME Hirotsugu	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 2-3-18-404, Katsuyama, Tennoji-ku, Osaka-shi, Osaka	CITY Japan	STATE OR COUNTRY ZIP CODE 543-0043

Full Name of Seventh Inventor	FAMILY NAME UMEI	FIRST GIVEN NAME Toshitomo	SECOND GIVEN NAME
Residence & Citizenship	CITY Settsu	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 2-10-12-408, Gakuenmachi, Settsu-shi, Osaka	CITY Japan	STATE OR COUNTRY ZIP CODE 566-0033

Full Name of Seventh Inventor	FAMILY NAME AKITA	FIRST GIVEN NAME Takashi	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 1-4-40-718, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka	CITY Japan	STATE OR COUNTRY ZIP CODE 532-0022

Full Name of Seventh Inventor	FAMILY NAME YOSHIKAWA	FIRST GIVEN NAME Takefumi	SECOND GIVEN NAME
Residence & Citizenship	CITY Nishinomiya	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 3-19, Atagoyama, Nishinomiya-shi, Hyogo	CITY 662-0871 Japan	STATE OR COUNTRY ZIP CODE

Full Name of Seventh Inventor	FAMILY NAME DOSHO	FIRST GIVEN NAME Shiro	SECOND GIVEN NAME
Residence & Citizenship	CITY Ikeda	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 3-3-5-202, Hachizuka, Ikeda-shi, Osaka	CITY Japan	STATE OR COUNTRY ZIP CODE 563-0024

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor	<u>Yuji Mizuguchi</u>	Yuji MIZUGUCHI	Date	<u>June 13, 2005</u>
2nd Inventor	<u>Nobuhiko Yasui</u>	Nobuhiko YASUI	Date	<u>June 13, 2005</u>
3rd Inventor	<u>Noboru Katta</u>	Noboru KATTA	Date	<u>June 13, 2005</u>
4th Inventor	<u>Takahisa Sakai</u>	Takahisa SAKAI	Date	<u>June 13, 2005</u>
5th Inventor	<u>Yutaka Takahira</u>	Yutaka TAKAHIRA	Date	<u>June 13, 2005</u>
6th Inventor	<u>Hirotsugu Kawada</u>	Hirotsugu KAWADA	Date	<u>June 13, 2005</u>
7th Inventor	<u>Toshitomo Umei</u>	Toshitomo UMEI	Date	<u>June 13, 2005</u>
8th Inventor	<u>Takashi Akita</u>	Takashi AKITA	Date	<u>June 13, 2005</u>
9th Inventor	<u>Takefumi Yoshikawa</u>	Takefumi YOSHIKAWA	Date	<u>June 13, 2005</u>
10th Inventor	<u>Shiro Dosho</u>	Shiro DOSHO	Date	<u>June 13, 2005</u>

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number FP-2080PCT Atty Docket No. _____

Title of Invention SYMBOL POSITION DETECTION DEVICE AND SYMBOL POSITION DETECTION METHOD